

### ABSTRACT

A catalyst for purifying exhaust gases comprises a support comprising at least an oxide comprising cerium and a catalytic ingredient loaded on the support, and exhibits a value of an oxygen sorbing amount with respect to a heat capacity, an oxygen sorbing amount/heat capacity value falling in a range of from  $4 \times 10^{-3}$  to  $8 \times 10^{-3}$  ( $\text{g} \cdot \text{J}^{-1} \cdot \text{K}$ ). When the oxygen sorbing amount/heat capacity value is in the range, the catalyst is excellent in terms of the low-temperature purifying ability.